

REMARKS/ARGUMENTS

Applicants thank the Examiner for the thorough examination of the claims as evidenced in the Office Action dated September 29, 2004 and for indicating the claims are allowable. Applicants respectfully request reconsideration of the objections contained therein.

Claims 1, 3-5, 13 and 17 have been amended by this Response. No claims have been cancelled. Claims 1-20 are currently pending in this application.

The Examiner objected to claims 3-5 and 13-20 because of informalities contained in claims 3-5, 13 and 17. Specifically, the Examiner suggests the "claims would be clearer if "Doppler shift" was used rather than the short-hand version of just Doppler." Applicants believe the claims as currently presented are sufficiently clear and are supported by the specification. However, to advance prosecution of this application applicants have amended the referenced claims in a non-limiting manner to add the word "shift" to "Doppler" as suggested by the Examiner. Applicants therefore request withdrawal of the objections to the referenced claims.

The Examiner further objected to claims 1-7, citing a spelling error in line 6 of claim 1. Applicants have corrected the spelling error therefore request withdrawal of the objection.

The Examiner objected to the drawings because reference numbers 207 and 242 are not mentioned in the description. Applicants have amended paragraph [0011] of the specification to replace reference number 207 with reference number 254, which is correctly shown in Figure 2. Applicants have also submitted herewith a corrected Figure 2 that accurately shows reference number 242.

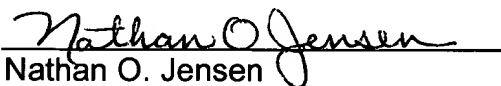
The Examiner objected to the drawings because reference numbers 110, 328 and 330 are not mentioned in the description. Applicants have amended paragraph [0010] to mention reference number 110. Applicants have also amended paragraph [0018] to mention reference numbers 328 and 330.

The Examiner objected to the drawings because the Examiner perceived an inconsistency between applicants' recital of an alternating bit pattern in paragraph [0019] and a sync portion in Figure 4 and the claims. Applicants disagree with the

Examiner and believe such recitation is consistent with the specification, and direct the Examiner to paragraph [0010] lines 8-10, which describe alternating bit pattern 112 as comprising, in one embodiment, a sync pattern. (see also paragraph [0015] lines 1-3.) However, to advance the prosecution of the application, applicants have hereby amended paragraph [0019] to mention the sync pattern. As the two phrases (alternating bit pattern and sync pattern) are used interchangeably in the specification, applicants do not believe this amendment is limiting in any way.

Once again, applicants thank the Examiner for indicating the claims contain allowable subject matter. With entry of the amendments and consideration of the arguments and remarks contained herein, all pending claims are now allowable, and a notice of Allowance is earnestly solicited. The Examiner is invited to contact the undersigned attorney if further issues remain in the prosecution of this application.

Respectfully Submitted,


Nathan O. Jensen
Reg. No. 41,460
Attorney for Applicant

Rockwell Collins Inc.
Intellectual Property Department
400 Collins Road NE M/S 124-323
Cedar Rapids, IA 52498
Telephone: (319) 295-1184
Facsimile No. (319) 295-8777
Customer No.: 26383